

The listing of claims presented below replaces all prior versions and listings of claims in the application.

**Listing of Claims**

1. (Withdrawn) A pharmaceutical composition for treating a subject with recurrent spontaneous abortion comprising a therapeutically effective amount of chromosome No. 2 or fragment thereof containing fibronectin encoding gene obtained from a male mate of said subject.
2. (Withdrawn) The pharmaceutical composition according to claim 1, comprising isolated and intact chromosome No.2.
3. (Withdrawn) The pharmaceutical composition according to claim 2, wherein said chromosome No.2 is isolated from somatocytes in M phase.
4. (Withdrawn) A pharmaceutical composition for treating a subject with recurrent spontaneous abortion comprising a therapeutically effective amount of a mixture of chromosome No. 2 or fragment thereof containing fibronectin encoding gene obtained from a plurality of males.
5. (Withdrawn) The pharmaceutical composition according to claim 4 comprising isolated and intact chromosome No.2.
6. (Withdrawn) The pharmaceutical composition according to claim 5 wherein said chromosome No.2 is isolated from somatocytes in M phase.
7. (Withdrawn) The pharmaceutical composition according to claim 4 wherein the number of

said plurality of males is more than 3.

8. (Withdrawn) The pharmaceutical composition according to claim 4 wherein the number of said plurality of males is more than 10.

9. (Withdrawn) The pharmaceutical composition according to claim 4 wherein the number of said plurality of males is more than 20.

10. (Withdrawn) Chromosome No. 2 or fragment thereof containing fibronectin encoding gene obtained from a male as a medicament.

11. (Cancel)

12. (Cancel)

13. (Cancel)

14. (Currently amended) A method for treating a human subject with immunological recurrent spontaneous abortion comprising administering to said the subject ~~in need of treatment~~ a therapeutically effective amount of isolated chromosome No. 2 or fragment thereof containing ~~fibronectin encoding gene~~ wherein said chromosome is obtained from a human male mate of said subject, wherein said chromosome No. 2 is isolated from somatocytes in M phase.

15. (Cancel)

16. (Cancel)

17. (Currently amended) A method for treating a human subject with immunological recurrent spontaneous abortion comprising administering to said the subject ~~in need of treatment~~ a therapeutically effective amount of a mixture of isolated human

chromosome No. 2 or fragments thereof containing fibronectin encoding gene, obtained from a plurality of human males, wherein said chromosome No. 2 is isolated from somatocytes in M phase.

18. (Cancel)

19. (Cancel)

20. (Previously presented) The method according to claim 17, wherein the number of said plurality of males is more than 3.

21. (Previously presented) The method according to claim 20, wherein the number of said plurality of males is more than 10.

22. (Previously presented) The method according to claim 21, wherein the number of said plurality of males is more than 20.